

CLAIMS:

1. A conductive fluoro-resin composition comprising
(A) 100 parts by weight of a reactive fluorinated
5 polyether compound comprising fluorinated polyether units
and having at least two aliphatic unsaturated hydrocarbon
radicals in a molecule,
(B) a compound having at least two hydrogen atoms each
10 directly attached to a silicon atom in a sufficient amount
to give 0.4 to 10 equivalents of the silicon atom-attached
hydrogen atoms relative to the aliphatic unsaturated
hydrocarbon radicals in component (A),
(C) a sufficient amount of a platinum group metal
15 catalyst to promote reaction between components (A) and (B),
and
(D) 50 to 2,000 parts by weight of silver particles.
2. The conductive fluoro-resin composition of claim 1
wherein the reactive fluorinated polyether compound (A)
20 comprises fluorinated polyether units of the following
structural formula (1):
- $$-(R_f-O)_q- \quad (1)$$
- 25 wherein R_f is a straight or branched chain perfluoroalkylene
radical having 1 to 6 carbon atoms, and q is an integer of 1
to 500.
3. The conductive fluoro-resin composition of claim 1
30 wherein the silver particles (D) contain at least 10% by
weight of dendrite or flake shaped silver particles based on
the loading of the silver particles.
4. The conductive fluoro-resin composition of claim 3
35 wherein the silver particles (D) have been surface treated
with an organopolysiloxane or fluorinated polyether
compound.

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5. The conductive fluoro-resin composition of claim 4 wherein said organopolysiloxane is a hydrosilylated organopolysiloxane having at least one hydrogen atom directly attached to a silicon atom.

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6. The conductive fluoro-resin composition of claim 4 wherein said organopolysiloxane contains up to 500 ppm of non-functional low molecular weight organopolysiloxanes having 3 to 10 silicon atoms.

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